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Table of Read Pairs with Common Subsequences

Read Pair	No. of Common Subsequences (Subsequences)
(3, 61)	4 (AGCC, CCCT, GCCC, TAGC)
(3, 50)	2 (CCCT, CCTG)
(50, 61)	1 (CCCT)
(1, 3)	1 (CCTG)
(1, 50)	4 (CCTG, CTGC, GCGC, TGCG)

FIG. 3B

CCTGCGCC^{1,F}
 CCTGCGC^{50,R}
^{3,F}TAGCCCTG GCCTATCG^{14,R}
^{61,F}ATAGCCCT

ATAGCCCTGCGCCTATCG (SEQ ID NO. 1)

FIG. 4

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CGATATAT
 GCCGATAT
 CGCCGATA
 GCGCCCAT
 CCCATAGC CTGCGCCT
 AGCCCTGC
 CCATAGCC TGC GCCTA
 TAGCCCTG GCCTATCG
 ATAGCCCT CCTATCGC
 TGATAGCC
 ATCGTGAT

ATAGCCCTGCGCC (SEQ ID NO. 6)
 A → GCGCCC
 C → ATCGTG
 |← R →|
 GATATAT ← B
 TATCGC ← D

FIG. 7

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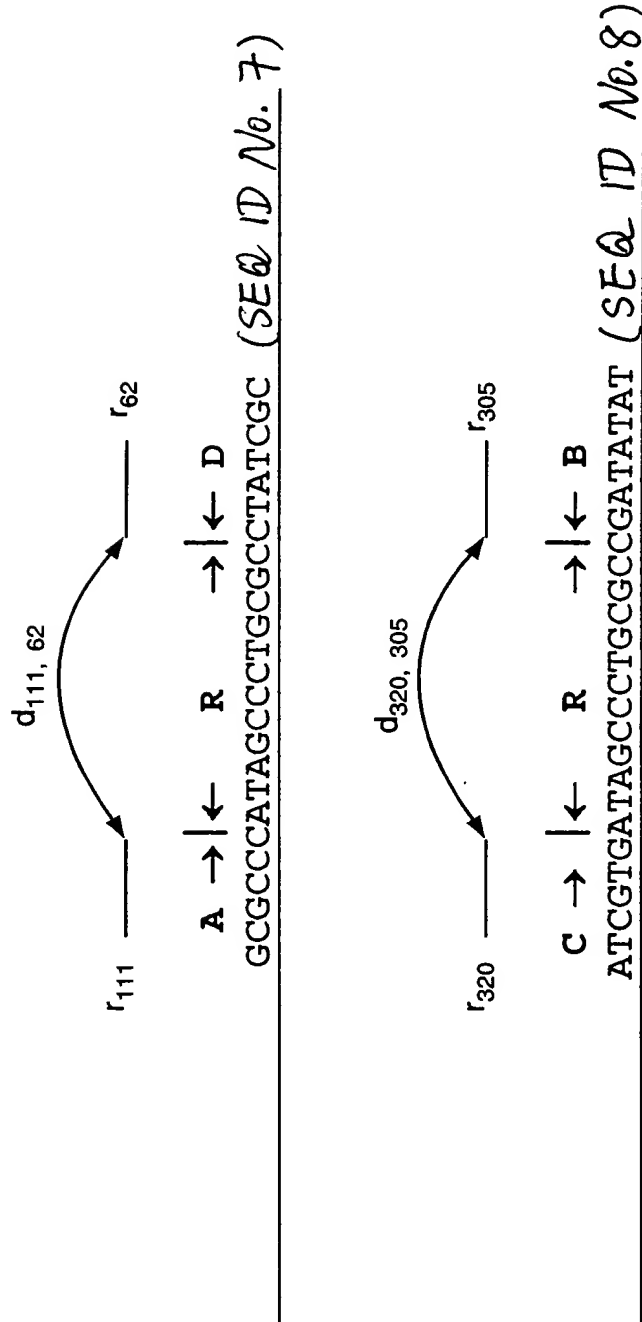


FIG. 8

Table of Read Pairs with Common Subsequences

<u>Read Pair</u>	<u>No. of Common Subsequences (Subsequences)</u>
(3, 61)	4 (AGCC, CCCT, GCCC, TAGC)
(3, 50)	2 (CCCT, CCTG)
(50, 61)	1 (CCCT)
(1, 3)	1 (CCTG)
(1, 50)	4 (CCTG, CTGC, GCGC, TGCG)

FIG. 3B

CCTGCGCC^{1, F}
 CCTGCGC^{50, R}
^{3, F}TAGCCCTG GCCTATCG^{14, R}
^{61, F}ATAGCCCT

ATAGCCCTGCGCCTATCG (SEQ ID NO.1)

FIG. 4

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```
CGATATAT
GCCGATAT
CGCCGATA
GCGCCCAT  CCTGCGCC
CCCATAGC CTGCGCCT
AGCCCTGC
CCATAGCC TGGCCTA
TAGCCCTG GCCTATCG
ATAGCCCT  CCTATCGC
TGATAGCC
ATCGTGAT
ATAGCCCTGCGCC (SEQ ID NO.6)
A → GCGCCC      GATATAT ← B
C → ATCGTG      TATCGC ← D
      |← R →|
```

FIG. 7

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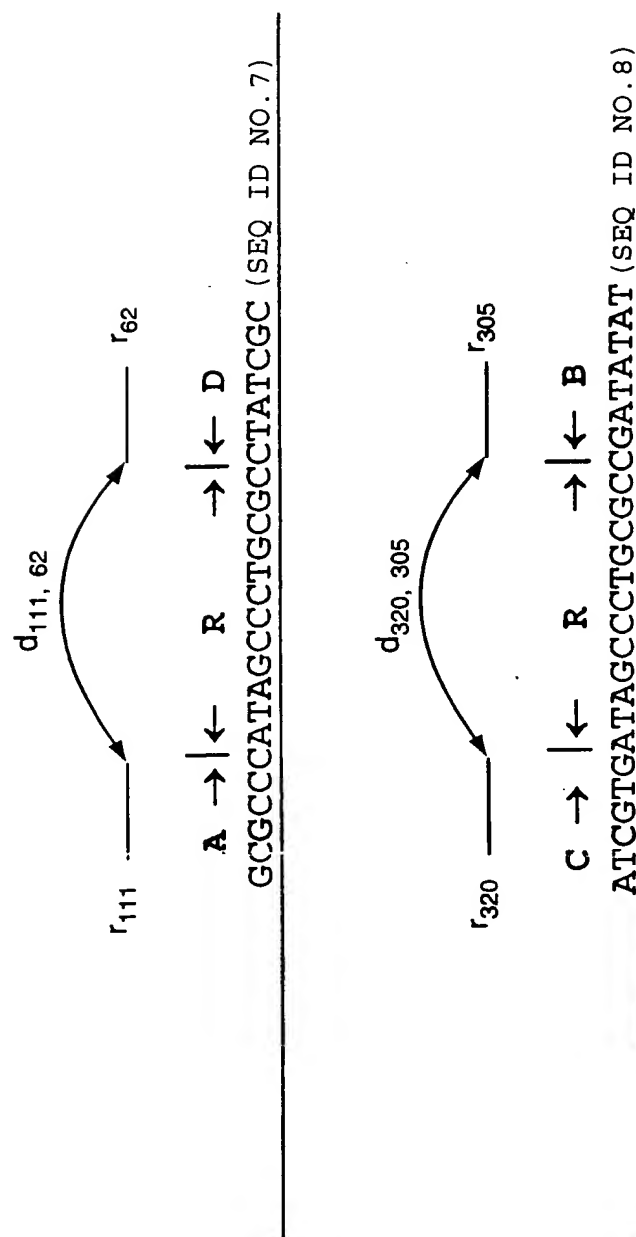


FIG. 8